

celtest*independent materials testing*

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Penrhyn Quarry**Date Of Issue: 05/12/2018****AGGREGATE PROPERTIES SUMMARY DATA SHEET**

Test Description		Specification Reference	Slate Type 1 Unbound Mixture	STR No.	Date	0/4mm	STR No.	Date
Particle Density (Mg/m ³)	Oven Dry	EN 1097-6 : 2000	2.80	635316	Dec-18	2.81	635320	Dec-18
	S.S.D		2.82	635316	Dec-18	2.82	635320	Dec-18
	Apparent		2.86	635316	Dec-18	2.84	635320	Dec-18
Water Absorption (%)			0.8	635316	Dec-18	0.4	635320	Dec-18
Los Angeles Abrasion (LA)		BSEN 1097-2 : 2010	21	635313	Dec-18			
Micro Deval		BSEN 1097-1: 2011	42	635315	Dec-18			
Frost Suseptibility		BS 812: Part 124: 2009	9.0	439423	Nov-15			
Plasticity		BS 1377: Part 2: 1990	Non-Plastic	635317	Dec-18			
Acid Soluble Sulfide (%)		BSEN 1744-1: 2009 Clause 13	<0.01	635318	Dec-18			
Water Soluble Sulfate (%)		BSEN 1744-1: 2009 Clause 10.1	<0.01	635323	Dec-18			
pH Value		BS 1377: Part 3: 1990 Clause 9				7.9	635321	Dec-18
Total Sulfur Content (%)		BSEN 1744-1: 2009 Clause 11				<0.1	635222	Dec-18
Chloride Ion Content (%)		BSEN 1744-1: 2009 Clause 7				<0.001	635319	Dec-18
Magnesium Sulfate Soundness		EN 1367-2: 2009	6	635314	Dec-18			
All tests carried out are UKAS accredited unless otherwise denoted by *								
Comments:								

R. M. Owen - Assistant Soils Manager